



MEMORANDUM

ORIGINAL

To: Bonnie Lavelle, Chris Weis  
From: Mary Goldade  
Date: November 8, 1999  
Project: Vasquez Boulevard & I-70 Site Phase III  
RE: Quality Control Samples-Phase III Database Maintenance  
cc: Project Files

On October 8, 1999 ISSI Consulting Group, Inc. (ISSI) and Morrison Knudsen Corporation (MK) met with USEPA to discuss the status of Phase III sampling and to report on the quality of the data obtained to date. As a result of that meeting, MK agreed to revise the Phase III Database to alter some quality control (QC) samples for easier database extraction. These samples are currently identified as "OT" (other) in the database. The recommended changes are summarized below. These changes should be performed.

Method Detection Limit Samples

All samples used to perform method detection limit (MDL) studies should be labeled as "MDL" in the "strSampQcCode" column. In order to extract information about the particular MDL study, the ISSI sample ID should also be entered into the "strLabParentSample" column. The ISSI sample IDs are provided on the chain-of-custody form (e.g., MDL2-1).

Homogenization Testing

All samples used to evaluate the homogenization of composite samples should be labeled as "MIX" in the "strSampQcCode" column.

The following analogous change should also be implemented.

Blind Standards

All blind standards are currently being labeled in the database as "PE" in the "strSampQcCode" column. In order to extract information about the known concentration levels, the ISSI sample

R:\Vasquez & I-70\Phase III\Draft data\Database Corrections 11-8-99.wpd

Contract No.: N00174-99-D-003

Delivery Order No.: 0002

Purchase Request No.: 9203.3858

EPA IAG No.: DW17953800-01-0

ID should also be entered into the "strLabParentSample" column. The ISSI sample IDs are provided on the chain-of-custody form and are entered onto the VBI70 QC Data Sheet for Soil Blind Standards (e.g., 055831A0052).